

SEQUENCE LISTING

<110> MOCKEL, BETTINA
KREUTZER, CAROLINE
HERMANN, THOMAS
FARWICK, MIKE
MARX, ACHIM
PFEFFERLE, WALTER

<120> NUCLEOTIDE SEQUENCES WHICH CODE FOR THE ccpA2 GENE

<130> 210739US0X

<150> DE/10042053.2

<151> 2000-08-26

<150> DE/10123071.0

<151> 2001-05-11

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<170> PatentIn version 3.1

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<212> DNA

<213> Corynebacterium glutamicum

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gcg gtt gct gca tcg act cgt gaa aga atc caa caa tta gcc tct gat	384					
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ctg ggt tac cgg gcc aat gct caa gct cgt gcg ctt cgc agt tct cgc	432					
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gcc gca atg gtt act gaa att caa agc acc gcc agc aaa gct gga ctt	528					
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115 120 125						

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Leu Gly Tyr Arg Ala Asn Ala Gln Ala Arg Ala Leu Arg Ser Ser Arg
 50 55 60

Ser Asn Thr Ile Gly Val Ile Val Pro Ser Leu Ile Asn His Tyr Phe
 65 70 75 80

Ala Ala Met Val Thr Glu Ile Gln Ser Thr Ala Ser Lys Ala Gly Leu
 85 90 95

Ala Thr Ile Ile Thr Asn Ser Asn Glu Asp Ala Thr Thr Met Ser Gly
 100 105 110

Ser Leu Glu Phe Leu Thr Ser His Gly Val Asp Gly Ile Ile Cys Val
 115 120 125

Pro Asn Glu Glu Cys Ala Asn Gln Leu Glu Asp Leu Gln Lys Gln Gly
 130 135 140

Met Pro Val Val Leu Val Asp Arg Glu Leu Pro Gly Asp Ser Thr Ile
 145 150 155 160

Pro Thr Ala Thr Ser Asn Pro Gln Pro Gly Ile Ala Ala Ala Val Glu
 165 170 175

Leu Leu Ala His Asn Asn Ala Leu Pro Ile Gly Tyr Leu Ser Gly Pro
 180 185 190

Met Asp Thr Ser Thr Gly Arg Glu Arg Leu Glu Asp Phe Lys Ala Ala
 195 200 205

Cys Ala Asn Ser Lys Ile Gly Glu Gln Leu Val Phe Leu Gly Gly Tyr
 210 215 220

Glu Gln Ser Val Gly Phe Glu Gly Ala Thr Lys Leu Leu Asp Gln Gly
 225 230 235 240

Ala Lys Thr Leu Phe Ala Gly Asp Ser Met Met Thr Ile Gly Val Ile
 245 250 255

Glu Ala Cys His Lys Ala Gly Leu Val Ile Gly Lys Asp Val Ser Val
 260 265 270

Ile Gly Phe Asp Thr His Pro Leu Phe Ala Leu Gln Pro His Pro Leu
 275 280 285

Thr Val Ile Asp Gln Asn Val Glu Gln Leu Ala Gln Arg Ala Val Ser
 290 295 300

Ile Leu Thr Glu Leu Ile Ala Gly Thr Val Pro Ser Val Thr Lys Thr
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Leu Arg Lys Lys Asp Gly Leu Pro Asn Glu
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